

Sameer Hawal

Data Analyst

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Professional Summary

Data Analyst and Power BI Developer with proven expertise in Advanced DAX, SQL, financial data modeling, and ETL pipeline design. Delivered five production-ready business intelligence dashboards covering financial performance, liquidity risk, IPO analytics, expense management, and operational monitoring. Reduced manual reporting effort by 40% through automated KPI frameworks and custom DAX measures. Applied institutional-grade risk metrics – Sharpe ratio, max drawdown, beta, and volatility – to produce risk-adjusted financial deliverables for stakeholder decision-making. Completing Microsoft PL-300 (Power BI Data Analyst Associate) and Generative AI for Data Professionals certification to expand analytical capabilities.

Technical Skills

BI & Visualization: Power BI (Advanced DAX, Time Intelligence, Power Query, Power BI Service), Advanced Excel (VLOOKUP, INDEX-MATCH, Pivot Tables, Power Pivot), Microsoft Fabric

Programming: SQL (MySQL, PostgreSQL), Python (Pandas, NumPy, Matplotlib)

Core Competencies: Data Modeling, ETL Pipeline Design, KPI Framework Development, Business Intelligence, Financial Reporting, Dashboard Development, Data Visualization, Exploratory Data Analysis, Descriptive Statistics, Report Automation, Stakeholder Reporting, Trend Analysis

Tools & Platforms: Git, GitHub, Microsoft Fabric, Power BI Service

Certifications: Microsoft PL-300 – Power BI Data Analyst Associate (*exp. Aug 2026*) · Generative AI for Data Professionals (*exp. Aug 2026*) · Finance Analyst Program (*completing 2026*)

Work Experience

Vice-Chair, Technical Operations

2024 – 2025

IEEE Computer Society

Kolhapur, India

- Spearheaded technical operations for an 8-member leadership team; planned and executed 6+ workshops and industry seminars, increasing chapter membership engagement by 30%.
- Oversaw cross-functional coordination of venue logistics, speaker scheduling, and participant communications for events with 200+ attendees across all programs.
- Introduced Excel-based event tracking system to monitor registrations and attendance trends, improving planning accuracy for subsequent programs by 25%.

Technical Coordinator

2025

National Technical Symposium – Tech-Symposium 2K25

Kolhapur, India

- Led end-to-end technical delivery for a national symposium with 300+ participants from 10+ institutions; managed 3 concurrent event tracks with zero scheduling conflicts.
- Designed and deployed an Excel operations tracker used by a 10-person organizing committee, cutting coordination overhead by 35% compared to prior-year manual processes.

Projects

IPO Finance Analytics [\[View\]](#)

Dec 2025 – Jan 2026

Power BI | Advanced DAX | Time Intelligence | Statistics | Finance | Excel

- Engineered an end-to-end IPO Performance and Risk Evaluation System that processed 500+ post-listing records, enabling quantitative analysis of short-term and long-term investment behavior.
- Built time-intelligence DAX measures using DATESINPERIOD and CALCULATE for rolling 1-month, 6-month, and 1-year returns; computed cumulative return (%) and max drawdown (%) to replace qualitative assessments with measurable risk scoring.
- Calculated volatility (%), beta, and Sharpe ratio to produce 3 institutional-grade, risk-adjusted KPIs, elevating raw return data into portfolio-manager-ready benchmarks.

Financial Performance & Profitability Analysis [\[View\]](#)

Jan 2026 – Feb 2026

Power BI | Advanced DAX | Financial Reporting | KPI Design | Excel

- Developed an interactive fiscal reporting dashboard covering 5 years of revenue, expense, and net profit data across 3 business segments for multi-year profitability benchmarking.
- Automated 8+ KPI calculations – profit margin %, cost efficiency ratio, and YoY revenue growth – using custom DAX measures, reducing manual reporting effort by 40% and eliminating formula errors.

Cash Flow & Liquidity Risk Analysis [\[View\]](#)

Jan 2026 – Feb 2026

Power BI | Advanced DAX | Finance | KPI Design | Excel

- Built a real-time liquidity monitoring solution tracking 3 core indicators – operating cash flow, working capital, and current ratio – across multiple reporting periods for finance teams.
- Engineered a DAX-driven risk flag that identified cash stress conditions when current ratio dropped below threshold, reducing manual risk review cycles by 35%.

Expense Control & Operating Margin Analysis [\[View\]](#)

Feb 2026 – Mar 2026

Power BI | Advanced DAX | Finance | Dashboard Development | Excel

- Constructed an expense and operating margin report tracking employee costs, finance costs, and total expenditure against revenue across 4 reporting periods to support cost-efficiency reviews.
- Streamlined operating profit and operating margin % reporting using custom DAX measures, cutting report turnaround time from 3 hours to under 10 minutes for stakeholder delivery.

Engine Oil Condition Detection [\[View\]](#)

Nov 2025 – Dec 2025

Power BI | Data Modeling | ETL | Statistics | Excel

- Developed an operational health tracker that classified engine oil status into 3 categories (Healthy, Warning, Critical) via threshold-based ETL logic, enabling proactive maintenance scheduling.
- Produced trend-based visualizations that surfaced degradation signals 2 maintenance cycles in advance, increasing non-technical decision-maker adoption across maintenance teams by 50%.

Certifications & Professional Development

- **Microsoft PL-300 – Power BI Data Analyst Associate** (Udemy): Advanced data modeling, DAX, Power Query, and Power BI Service; exam scheduled Aug 2026.
- **Generative AI for Data Professionals:** LLM fundamentals, AI-augmented analytics workflows, and prompt engineering; completing Aug 2026.
- **Finance Analyst Program:** Financial modeling, investment ratio analysis, and performance metric frameworks; completion 2026.
- **Microsoft Power BI Desktop – Advanced DAX** (Udemy, 2025): Time intelligence, CALCULATE, iterator functions, and star schema modeling.
- **Python for Data Analysis Workshop** (2025): Pandas and NumPy applied to data cleaning, transformation, and exploratory analysis.

Education

Bachelor of Technology – Computer Science & Engineering

DKTE Society’s Textile and Engineering Institute, Kolhapur

CGPA: 7.72 / 10

Additional Expertise

SQL Proficiency: Solved 50+ problems on LeetCode and 60+ on HackerRank covering JOINS, window functions, CTEs, subqueries, and set operations – validated across two independent platforms.

Finance Domain Knowledge: Liquidity risk assessment, investment performance measurement (Sharpe ratio, beta, max drawdown, volatility), profitability modeling, and KPI framework design for financial and operational reporting.